Amendment t the Abstract:

The Abstract has been amended. A revised Abstract is attached.

In high-speed high-density recording, heat generation becomes a problem as high-frequency modulation and a strong magnetic field of a magnetic head are realized.

A transducer supporting structure is provided including a ~~A~~ thermally coupling contact portion ~~is~~ extended from a part of a suspension and ~~is~~ brought into contact with a magnetic core. ~~by which heat~~ Heat generated in a coil is dissipated to the suspension via the magnetic core and the thermally coupling contact portion.

Attachment

Respectfully submitted,

Allan Ratner, Reg. No. 19,717
Attorney for Applicants

AR/dlm
Attachments: Figures 10(a), 10(b), 11 and 12
Abstract

Dated: January 26, 2004

P.O. Box 980
Valley Forge, PA 19482-0980
(610) 407-0700

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Annie Caucci

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ABSTRACT

In high-speed high-density recording, heat generation becomes a problem as high-frequency modulation and a strong magnetic field of a magnetic head are realized.

A transducer supporting structure is provided including a thermally coupling contact portion extended from a part of a suspension and brought into contact with a magnetic core. Heat generated in a coil is dissipated to the suspension via the magnetic core and the thermally coupling contact portion.